



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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PAT QUINN, GOVERNOR

JOHN J. KIM, INTERIM DIRECTOR

217/782-3362

FEB 27 2012

North West Illini Feedlot  
P.O. Box  
Lanark, IL 61046

Re: North West Illini Feedlot – Lanark  
NPDES No. ILA010093  
Notice of Incompleteness

Gentlemen:

The application and supporting documents for the NPDES Permit received on April 7, 2006, amended January 12, 2012 by submittal of updated application forms and Nutrient Management Plan, for the above referenced project has been reviewed and deemed an incomplete submission for the purpose of review towards issuance of an NPDES permit. The following specific information and documentation are required to be submitted within the designated time frame below in order that we may continue our review.

1. It is unclear in the nutrient management plan where mortalities are stored prior to removal by the rendering company. Provide details as to what steps will be taken to prevent discharge from the mortality storage. Identify on the facility map the mortality storage location.
2. Please provide the details required for off-site waste transfer as outlined in Special Condition 7 of the General Permit. These include the name and address of individual receiving waste, a map showing the location and acreage where waste is to be applied, and amount of waste each individual receives.
3. Be advised that the ILA01 permit requires representative samples of livestock waste to be tested in accordance with Special Condition 7(h). The Nutrient Management Plan (NMP) does not list all the parameters that are required to be tested nor does the NMP give details as to the record keeping required by the permit. Revise the NMP accordingly.
4. In the NMP several fields receive livestock waste at what is called a custom rate. Explain how this custom rate was calculated. Specify the criteria used to calculate this custom rate. Please show sample calculations for the determination of this rate.
5. In the NMP the field designated Fink Farm #1 is proposed to receive 10.5 tons per acre of waste as a 2 yr phosphorus application in October of 2012. This same field is proposed to receive 6 tons per acre of waste as a 1 yr phosphorus application in October of 2013. In October of 2014 this field is proposed to receive 10.5 tons per acre of solid waste at a 2 yr phosphorus rate and 18,000

gallons per acre at a custom rate. Be advised Special Condition 4(c) (v) prohibits application of phosphorus in a multi-year application until applied phosphorus has been utilized by the crop. Adjust the NMP accordingly.

6. Numerous fields in the NMP show grass waterways or other drainage ways in the field maps, however, the field maps do not show setbacks for these features. Be advised that all conduits to surface water such as waterways require a 100 ft setback or a 35 ft vegetative buffer while surface waters require 200 foot setbacks in accordance with Special Condition 4 (c) (vi). Revise the NMP accordingly.
7. The field designated as Frederick #1 has a Bray P1 test result of 559 lbs/acre. Be advised that livestock waste may not be applied to fields with Bray P1 test results in excess of 300 lbs/acre in accordance with Special Condition 4(c) (v).

Please provide a written response to the above items within 30 days of the date of this letter. Failure to submit a response that includes the requested information within the time period specified may cause the Permit Section to refer the facility to the compliance and enforcement programs, and could be cause for denial of your NPDES Permit. Include on all correspondence the above proposed NPDES permit number.

Upon receiving a written response including the requested information the Agency will continue review of the application. Submit a copy of all changes to the Nutrient Management Plan in electronic format.

Should you have any questions or comments regarding the above, please contact James Blessman at (217) 782-3362 or at the above address.

Sincerely,



Daniel L. Heacock, P.E.  
Manager, Facility Evaluation Unit  
Permit Section  
Division of Water Pollution Control

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cc:  
EPA-Rockford FOS  
Records - CAFO  
USEPA - Region 5  
JTB  
Maurer Stutz, Inc.